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UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Marketing Service

cooperating with

IOWA DEPARTMENT OF AGRICULTURE
Division of Agricultural Statistics

assisted by

Iowa State College Extension Service

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IOWA AGRICULTURAL STATISTICS

HARDIN COUNTY



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County Statistical Bulletin

No. 59

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Office of the Agricultural Statistician
305 United States Court House
Des Moines, Iowa

IOWA CROP AND LIVESTOCK REPORTING SERVICE
Division of Agricultural Statistics
Leslie M. Carl, Director

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IOWA AGRICULTURAL STATISTICS - HARDIN COUNTY

County Statistical Bulletin No. 59

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FOREWORD

The Iowa Crop and Livestock Reporting Service is the Iowa unit of a nation-wide organization which is entrusted with the responsibility of operating a standard statistical service for agriculture. The Division of Agricultural Statistics is a division of the Iowa State Department of Agriculture working in cooperation with the Agricultural Marketing Service of the United States Department of Agriculture. The year 1939 marked the one-hundredth anniversary of the collection of statistics of agriculture in the United States.

The general program of the Iowa Crop and Livestock Reporting Service is to meet the public needs and demands for summary data of an historical nature and for current statistical information of agricultural production in Iowa and the United States.

In recent years, there has been an increasing demand from agricultural organizations, commercial interests, teachers, legislators, and county, State and governmental agencies for agricultural data showing the trends of change in counties. Little has been done in the past to make available data for each county over an extended period of time. So urgent is the need for county data that some organizations have assembled such information at considerable cost. It is in response to these needs that this series is being issued.

The county data herein offered have been assembled from existing State and Federal documents and reports, under the supervision of Norman V. Strand, State-wide Work Projects Administration Supervisor of Agricultural Economics and Statistics projects. This is a report of work completed on Official Project 65-1-72-155 of the Work Projects Administration. Official Project 665-72-3-36 furnished the material for Tables 24 and 26.

The Iowa Agricultural Extension Service participated in the preparation of the materials in this report. Selected data from the files of the Iowa Agricultural Experiment Station have been released for publication in this series. Special credit is given to the Iowa assessors and tax officials who collect data on crops and livestock as required under the Iowa laws. Without these data by townships and counties detailed agricultural statistics would be less accurate and less complete.

Leslie M. Carl, Director
Division of Agricultural Statistics

Des Moines, Iowa
December, 1940

IOWA AGRICULTURAL STATISTICS - HARDIN COUNTY

Hardin County was established in 1851 by an act of the Third General Assembly. 1/ Originally it had been a part of the old Buchanan and Benton counties. It was named for Colonel John J. Hardin who was killed in the Mexican War.

The first settlement was made by Greenbury Haggins who came with his family from Keokuk County in 1849. Haggins made a claim on the Iowa River in the southeast corner of the county. During the next year several more men with their families came to the same locality and a settlement was started. In the fall of 1850, Jacob Kidwiler made a claim about 10 miles above Eldora. The next settlement was made in the vicinity of Iowa Falls, and in 1851 several families of Quakers settled on Honey Creek in the southern part of the county. In January, 1853, a town called Point Pleasant was laid out on the north fork of the Iowa River. The county was formally organized by the election of its officers in February, 1853, and the land where Eldora is now located was selected for the county-seat in June of that same year. J. W. Ackley laid out a town in the northeast part of the county in 1857 and gave it his own name, Ackley. No houses were built, however, and it was not until the Dubuque and Sioux City Railroad came through that region in 1865 that Ackley began to make a rapid growth. Steamboat Rock was laid out on the Iowa River, 5 miles above Eldora, in 1855. 2/

In the spring of 1853, the report was circulated that gold had been discovered along the Iowa River on the farm of John Ellsworth, just south of Eldora. Undoubtedly some gold was found, but the thousands of prospectors attracted to the place were soon disillusioned and many dire threats were made against Ellsworth for spreading the report of gold. The search was started again in 1857, and repeated in 1877, with little or no result. 3/ The final out-come of this activity seems to have been the naming of the county-seat--the name Eldora is a short form for Eldorado, meaning "a wealthy country." 4/

Area

Hardin County is approximately 24 miles square. It embraces 569 square miles 5/, or 364,160 acres, of which 350,908 acres are listed as farm lands.6/ There are fifteen townships--the northern tier being set over to the west a little over a mile because of the correction line along the northern boundary of Township 88. It ranks thirty-fourth in point of size in the State, sharing this place with Boone, Jones and O'Brien Counties.

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- 1/ Laws of Iowa. First to Fourth General Assemblies. 1846-1853. Reprint 1913. Chapter nine, Sec. 11. p. 509.
 - 2/ Gue, B. F., History of Iowa. Vol. III, pp. 354-356. The Century History Co., New York City. 1903.
 - 3/ History of Hardin County, Iowa. Union Publishing Co., Springfield, Illinois. 1883. pp. 970-973.
 - 4/ Iowa, A Guide to the Hawkeye State. Compiled and written by the Federal Writers' Project of the Works Projects Administration for the State of Iowa. p. 383. The Viking Press, New York City. 1938.
 - 5/ United States Bureau of the Census. Fifteenth Census of the United States: 1930. Populations. Vol. I, pp. 362-363.
 - 6/ United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa. p. 13.

Soils

The soils of Hardin County are grouped into four classes according to their location and origin; namely, drift, loess, terrace, and swamp and bottom-land. The drift soils cover 73.9 percent of the surface and are divided into Carrington loams--38.0 percent, Clarion loam--19.5 percent, Webster loams--13.1 percent, Lindley loams--2.4 percent, and Clyde loam--0.9 percent. The loess soils cover 15.2 percent of the county and are divided into Tama silt loam--13.2 percent, Clinton silt loam--1.2 percent, Fayette silt loam--0.4 percent, and Muscatine silt loam--0.4 percent. The terrace soils have an area of 4.6 percent of the county and are divided into O'Neill loam--2.2 percent, Buckner loams--0.8 percent, Waukesha silt loam--0.6 percent, Millsdale loam--0.5 percent, Fargo silty clay loam--0.3 percent, and Bremer silty clay loam--0.2 percent. The swamp and bottom-land soils cover 6.3 percent of the area and are divided into Wabash loams--4.5 percent, Lamoure silty clay loam--1.4 percent, and peat and muck 0.4 percent. 7/

Topography

The western part of Hardin County is in the Wisconsin drift area and is rather flat. The surface is marked with saucer-like depressions, low winding ridges and occasional knob-like hills. The principal streams cut through these areas with rather deep channels, but they have only a few tributaries and these are not very extensive. To the east of this Wisconsin drift plain is a chain of hills and ridges 6 to 30 feet high. This region is known as the Altamont Moraine and varies in width from 2 to 5 miles, entering the county from the northeast and extending southward past Eldora and then southwest into Marshall County. East of this morainic area, the topography is from gently to strongly rolling. The northeast part of the county has the typical Iowa drift topography, the soil is of loessial origin, but the early drift topography is apparent.

The drainage of the county is effected mainly by the Iowa River and its tributaries; it is estimated that more than 90 percent of the surface is drained by this river system. A small area in the northeastern part of the county is drained by the tributaries of the Cedar River, and in the extreme southwestern corner, Indian Creek, a tributary of the Skunk River provides the drainage. The chief tributaries of the Iowa River are, Beaver Creek, South Fork Iowa River, Tipton, Honey, Minerva, Mud, Bear, Cedar and Pine creeks. The bottom-lands are about 100 feet wide near the edges of the streams, and the terraces, or second bottoms, occur mainly along the Iowa River, South Fork Iowa River, and Beaver Creek. 8/

Climate

The average temperature for 10 years (1930-1939 incl.) was 46 degrees. The average precipitation for 67 years (1863-1930) was 33.85 inches, and the growing season averaged 145 days between the killing frost dates of

7/ Iowa Agricultural Experiment Station. Soil Survey of Iowa, Hardin County. Soil Survey Report No. 38: 12-13. 1925.

8/ Ibid. pp. 11-12.

May 7 and September 29, recorded for 38 years (1892-1930). 9/

Population

No official record of the population seems to have been kept before 1854, when 1,265 inhabitants were reported by the State census, but an estimated 300 were in the county in 1852. The coming of the railroad in the late 60's greatly stimulated the population growth. An increase of over 8,000 persons occurred between 1865 and 1875. There are 40 persons per square mile, as compared with the State density of 44. The following table shows the number of inhabitants recorded at 10-year intervals:

<u>Year</u>	<u>Inhabitants</u>	<u>Urban</u>	<u>Rural</u>
1860	5,440	-	-
1870	13,684	-	-
1880	17,807	-	-
1890	19,003	-	-
1900	22,794	10,032	12,762
1910	20,921	9,486	11,435
1920	23,337 <u>10/</u>	12,628 <u>11/</u>	10,709
1930	22,947 <u>12/</u>	12,689	10,258
1935	-	-	9,599 <u>13/</u>

In 1930 the foreign born and native white of foreign born or mixed parentage content of Hardin County was 7,827, or 34.1 percent of the total population. Those of German descent led with 4,649, followed by the Norwegians with 1,153. The English had 436 and other nationalities had very small representations. 14/

Cooperatives

In 1937 there were 21 cooperative institutions in operation in this county--9 elevators, 7 creameries, 3 livestock enterprises, 1 petroleum plant and 1 produce establishment.

As a whole, they had 3,700 members, of which 2,712 were active, and 7,550 persons did business with the 21 concerns. The selling cooperatives had a business volume of \$2,750,848 and the purchasing cooperatives transacted \$572,398 worth of business.

9/ United States Weather Bureau. Climatic Summary of the United States from establishment of stations to 1939, inclusive. Section 52--Eastern Iowa. pp. 19-27.

10/ Census of Iowa. 1925. pp. 710-711. 1926.

11/ Ibid. p. 925 et seq.

12/ Iowa Official Register, 1937-1938. Thirty-Seventh Number. pp. 368 et seq.

13/ United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa. p. 13.

14/ United States Bureau of the Census. Fifteenth Census of the United States: 1930. Populations. Vol. III, Part 1, Tables 18-19, pp. 785-788.

Cooperatives may both buy and sell or they may perform one or the other function exclusively. Purchasing cooperatives buy non-farm commodities for distribution to their members and patrons, and selling cooperatives market farm commodities for their members and patrons. 15/

Fruit

The year 1909 was the big year for apples in Hardin County; there were 39,810 trees and 28,557 bushels listed that year. In 1934, 11,035 apple trees yielded 6,104 bushels. Peaches have always been negligible and the plum production was but 783 bushels from 9,548 trees in 1909, the peak year. The same year, cherry trees numbered 5,583, but only 533 bushels were reported. The largest number of grape vines, 12,553, were reported in 1884, but the largest yield was reported in 1909, when 9,490 vines yielded 48,554 pounds.16/

Note Regarding Yields of Corn

The crop assessors' statistical breakdown for corn acreage is as follows: (1) all corn, (2) corn husked for grain, (3) corn cut for silage, (4) corn cut for fodder and (5) corn hogged off. A total production is given for each farm which includes only that actually husked. In getting county totals of production, the acreage other than that husked is multiplied by the yield (derived by dividing total bushels corn husked by total acres husked) and added to summations of individual farm productions shown as husked. This assumes that acreage not husked would have produced the same yield as that actually husked.

In 1934 and 1936, both poor crop years, separate estimations of corn yield on acreage not husked were made by the State assessors' office because it was felt that farmers in those years would select their best acreages for husking and cut or hog off the rest, which would have a different and lower yield. This separate yield estimation was then multiplied by the acreage not husked and the total added to that reported as husked.

This was done by counties only and not by townships. The township yields for these two years, then, are somewhat high since they are based only on acreage husked for grain and bushels husked. The total corn acreage is shown by townships with this yield, and any attempt to multiply it by the acreage shown to get total production will result in a too high figure. The county summary table figures for corn yield in 1934 and 1936 have been adjusted for poorer yields on that acreage not husked and these yields may legitimately be multiplied by the acreages shown there to arrive at total productions for the county.

In all other years actual township productions may be derived from the yield and acreage figures shown in the tables since corn yield has been assumed to be equal in all utilizations. The county yield and township yields, are, therefore, consistent in all years except 1934 and 1936.

15/ Unpublished data from: Omaha Farm Credit Administration and Iowa State College.

16/ Sources: 1. Census of Iowa. 1875, 1885, 1895.
 2. United States Bureau of the Census. Thirteenth Census of the United States: 1910. Agriculture: Iowa. Bulletin.
 3. United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa Statistics by Counties, Second Series. 1936.

TABLE 1
LAND UTILIZATION AND YIELDS, 1929-1938
County Summary

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		POPCORN		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	2090	346146	166	130246	42	82557	37	69	866	4989	28
1930	2158	349076	162	135334	36	81154	36	47	1391	3694	30
1931	2167	347956	161	139584	29	77547	28	114	1089	3442	28
1932	2135	346713	162	142574	45	78099	34	148	1619	4461	22
1933	2182	350425	161	138940	47	84675	30	139	1944	3696	23
1934	2202	349397	159	111793	28	67390	8	171	1006	1918	9
1935	2153	346168	161	120490	44	84731	34	319	1051	3332	27
1936	2113	345752	164	129232	22	74760	31	148	562	1953	23
1937	2138	349077	163	131747	52	77978	47	162	1556	2099	34
1938	2107	349903	166	117647	55	76509	32	202	1553	1600	28
10 Yr.Ave.	2144	348061	162	129759	40	78540	32	152	1261	3118	26

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als.Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	147	17	198	13	66	353	20	3046	23979
1930	123	14	190	15	139	738	4	4247	24721
1931	80	21	199	17	9	218	4	4073	22689
1932	189	13	225	20	50	65	-	5000	20028
1933	252	16	600	18	63	497	42	6544	23761
1934	243	7	791	15	-	10	1	6884	31172
1935	419	13	1722	17	305	4	93	3914	27082
1936	304	15	1898	14	11	342	41	7798	26540
1937	661	19	2313	20	52	218	20	10401	25685
1938	379	16	4220	22	103	830	226	11076	33084
10 Yr.Ave.	280	15	1236	19	80	328	45	6298	25874

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	1848	79842	1337	18897	514	1222	215
1930	1941	77766	1349	20054	1042	1392	126
1931	1578	79544	1434	19279	1076	1377	-
1932	1560	75983	850	20220	881	1217	228
1933	1600	74320	1177	18595	950	1423	192
1934	1639	84258	3241	19702	479	997	25602
1935	1613	80442	2867	20169	426	1484	674
1936	1427	81201	1347	19626	490	1148	5626
1937	1433	81474	1527	20051	538	1235	2102
1938	1446	86253	1745	19780	581	1261	4867
10 Yr.Ave.	1608	80108	1687	19637	698	1276	3963

10 Year Average Acres: Winter Wheat 122; Spring Wheat 100; Flaxseed 62.
(Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 2
ACREAGE AND YIELDS OF HAY
County Summary

Year	Mixed Clover&Timothy		Alfalfa		Wild Hay		All Tame Hay	
	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre
1929	12,473	1.84	3,046	3.53	1,848	1.50	23,979	2.36
1930	15,862	1.43	4,247	2.74	1,941	1.00	24,721	1.66
1931	13,040	.71	4,073	1.43	1,578	.69	22,689	.86
1932	8,341	1.51	5,000	2.78	1,560	1.22	20,028	1.81
1933	15,190	1.35	6,544	3.02	1,600	.92	23,761	1.83
1934	10,186	.75	6,884	2.21	1,639	.68	31,172	1.26
1935	6,963	1.63	3,914	2.43	1,613	1.30	27,082	1.89
1936	13,317	1.25	7,798	1.90	1,427	.69	26,540	1.42
1937	8,832	1.16	10,401	2.72	1,433	.85	25,685	1.87
1938	14,295	1.65	11,076	2.45	1,446	1.10	33,084	1.94
10 Yr. Ave.	11,850	1.33	6,298	2.49	1,608	1.01	25,874	1.69

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 3
LAND UTILIZATION AND YIELDS

Alden Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		POPCORN		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	196	33980	173	13366	42	9117	41	-	-	360	29
1930	200	33879	169	14096	36	8668	40	-	-	68	26
1931	200	33603	168	14959	24	8260	27	-	-	67	28
1932	192	33971	177	14925	45	8711	40	-	-	277	22
1933	196	34146	174	14850	47	9248	35	-	-	288	27
1934	203	33810	167	11936	26	8005	5	-	-	129	5
1935	193	33248	172	12110	42	9407	35	-	-	366	21
1936	190	32998	174	13382	23	8115	39	-	-	164	24
1937	185	33151	179	13539	50	8540	44	-	-	189	27
1938	190	33582	177	12303	53	8406	35	-	-	84	24
10 Yr. Ave.	194	33637	173	13547	39	8648	34	0	0	199	24
Year	RYE		SOYBEANS		GRASS SEED			TAME HAY			
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	46	13	36	16	-	-	-	447	2124		
1930	62	4	13	12	-	-	-	519	2275		
1931	-	-	10	18	-	-	-	427	2129		
1932	28	8	12	30	-	-	-	710	1991		
1933	-	-	16	18	-	-	-	757	2071		
1934	-	-	24	9	-	-	-	890	2851		
1935	44	12	64	22	11	-	-	377	2461		
1936	35	14	72	16	-	-	-	854	2307		
1937	49	17	113	21	-	-	-	1098	2442		
1938	22	18	391	20	3	-	-	1118	2977		
10 Yr. Ave.	29	12	75	19	1	0	0	720	2363		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres				
1929	47	6835	59	1799	-	20	171				
1930	72	6390	223	1974	23	15	-				
1931	42	6258	11	1740	60	67	-				
1932	43	5851	50	1932	-	30	121				
1933	31	5613	62	1859	4	99	5				
1934	74	5767	83	1808	4	75	3054				
1935	46	6073	269	1931	96	280	90				
1936	36	6051	125	1954	4	159	594				
1937	27	5887	3	1866	29	132	335				
1938	48	6353	166	1756	27	307	739				
10 Yr. Ave.	47	6108	105	1862	25	118	511				

10 Yr. Ave. Acres - Spring Wheat 8 *Included in "All Tame Hay."
 Flaxseed 11 Winter Wheat 3 Source: Iowa Department of Agriculture
 (Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 4
LAND UTILIZATION AND YIELDS

Buckeye Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		POPCORN		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld. Lbs.	Acres	Ave. Yld.
1929	114	22114	194	9119	40	5963	38	-	-	330	23
1930	118	22024	187	9345	31	5855	35	-	-	138	25
1931	124	21119	170	9123	26	5399	29	-	-	60	22
1932	124	21084	170	9401	41	5456	32	-	-	128	19
1933	135	21770	161	9431	46	6060	28	-	-	60	23
1934	123	21780	177	7576	24	4176	5	-	-	33	10
1935	120	21728	181	7978	37	6345	32	-	-	117	23
1936	120	22042	184	9147	20	5362	29	-	-	18	8
1937	119	21680	182	8777	47	5505	40	-	-	33	29
1938	122	21904	180	8086	47	5485	32	-	-	-	-
10 Yr. Ave.	122	21724	178	8798	36	5561	31	0	0	92	22

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	16	8	-	-	-	198	1226
1930	-	-	-	-	-	-	-	398	1229
1931	-	-	-	-	-	-	-	296	990
1932	-	-	20	18	-	-	-	282	991
1933	3	15	30	18	-	8	-	340	1155
1934	4	5	55	18	-	-	-	458	1906
1935	-	-	32	18	-	-	-	249	1414
1936	15	13	15	13	-	-	-	455	1472
1937	3	28	2	22	-	-	-	640	1486
1938	4	15	38	21	-	-	32	609	1798
10 Yr. Ave.	3	14	21	17	0	1	3	392	1367

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	62	3895	30	1400	-	73	-
1930	30	3857	54	1349	4	68	95
1931	31	3967	121	1423	-	5	-
1932	22	3737	7	1322	-	-	-
1933	38	3677	7	1228	10	45	26
1934	22	4141	544	1412	33	90	1788
1935	23	3711	360	1606	-	130	12
1936	25	4348	17	1484	-	136	3
1937	67	3934	97	1487	-	84	205
1938	20	4076	85	1732	-	110	438
10 Yr. Ave.	34	3934	132	1444	5	74	257

10 Yr. Ave. Acres - Winter Wheat .5

Spring Wheat 1 Flaxseed 10

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 5
LAND UTILIZATION AND YIELDS

Clay Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		Popcorn		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld. Lbs.	Acres	Ave. Yld.
1929	129	21234	165	6600	40	4454	35	-	-	209	29
1930	129	21740	169	6623	35	4468	33	-	-	144	29
1931	136	22475	165	7217	22	4507	23	-	-	81	25
1932	130	22070	170	7289	45	4189	35	-	-	88	25
1933	131	22133	169	6644	44	4282	32	-	-	154	21
1934	133	22154	167	5807	33	3113	9	-	-	49	10
1935	133	22122	166	6247	46	4372	34	1	2100	120	26
1936	130	22135	170	6710	23	3981	27	-	-	123	23
1937	121	22102	183	6743	49	4034	49	4	875	247	37
1938	120	21483	179	6075	54	3726	29	-	-	175	35
10 Yr. Ave.	129	21935	170	6590	40	4113	31	5	19	139	28

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	3	40	-	-	9	20	-	76	1694
1930	-	-	-	-	16	36	-	109	1684
1931	-	-	7	16	-	14	-	157	1516
1932	2	15	-	-	-	-	-	190	1584
1933	4	14	41	14	-	89	3	276	1591
1934	-	-	158	19	-	-	-	303	2476
1935	13	10	270	18	18	-	-	102	1787
1936	8	12	205	13	-	-	17	220	1762
1937	17	16	421	22	10	-	-	349	1540
1938	13	19	612	22	2	35	32	313	1741
10 Yr. Ave.	6	16	171	20	6	19	6	210	1738

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	272	6677	136	1031	23	126	-
1930	232	6570	130	1008	502	361	2
1931	189	7046	140	875	474	423	-
1932	213	6793	107	1018	407	416	14
1933	165	7218	96	1012	407	491	20
1934	215	7370	147	1098	36	140	1545
1935	212	7632	109	1099	6	208	28
1936	179	7301	28	1135	33	219	436
1937	175	7360	36	1168	42	219	86
1938	175	7668	25	1047	46	10	136
10 Yr. Ave.	203	7164	95	1049	198	261	227

10 Yr. Ave. Acres - Winter Wheat 6

*Included in "All Tame Hay".

Spring Wheat 7 Flaxseed 7
(Acreages also shown in "All Other Crops")

Source: Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 6
LAND UTILIZATION AND YIELDS

Concord Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		POPCORN		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld. Lbs.	Acres	Ave. Yld.
1929	136	22703	167	9654	42	6550	36	-	-	159	32
1930	139	22587	162	9942	34	6318	36	-	-	174	26
1931	138	22785	165	10174	35	6282	33	-	-	200	32
1932	139	22674	163	10224	46	6235	28	-	-	295	22
1933	134	22544	168	10143	52	6301	33	-	-	320	28
1934	137	22735	166	8226	30	6099	11	-	-	250	11
1935	133	22613	170	8721	47	6925	38	-	-	319	28
1936	129	22634	175	9608	26	5916	37	-	-	258	24
1937	128	22590	176	9661	58	6383	51	-	-	243	34
1938	132	22861	173	8700	60	6057	32	-	-	172	29
10 Yr. Ave.	134	22673	169	9505	43	6307	34	0	0	239	26

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red Top & Clover* Acres	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	-	-	-	270	1003
1930	-	-	-	-	-	-	-	402	1313
1931	-	-	-	-	-	-	-	477	1288
1932	-	-	-	-	-	-	-	554	1242
1933	10	15	-	-	-	-	-	694	1195
1934	25	11	73	16	-	-	-	775	1206
1935	32	14	102	18	-	-	-	490	1564
1936	38	15	83	14	-	-	-	673	1454
1937	39	19	61	15	-	-	-	1075	1527
1938	27	28	104	20	-	-	-	1175	1963
10 Yr. Ave.	17	17	42	17	0	0	0	658	1376

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	130	3974	6	1227	-	-	-
1930	98	3524	5	1213	-	-	-
1931	75	3454	17	1295	-	-	-
1932	57	3356	6	1259	-	-	-
1933	37	3297	60	1181	-	-	-
1934	66	3334	134	1373	-	5	1944
1935	84	3440	85	1314	6	21	-
1936	75	3379	72	1268	-	-	483
1937	67	3177	83	1274	-	-	75
1938	77	3860	115	1275	-	-	511
10 Yr. Ave.	77	3480	58	1268	1	3	301

10 Yr. Ave. Acres - Winter Wheat 6

*Included in "All Tame Hay".

Spring Wheat 11 Flaxseed 16 Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 7
LAND UTILIZATION AND YIELDS

Eldora Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		POPCORN		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld. Lbs.	Acres	Ave. Yld.
1929	93	18457	188	6642	43	4251	35	-	-	264	28
1930	103	19045	185	6893	38	4516	34	-	-	296	26
1931	102	19018	186	7273	32	4291	30	-	-	168	30
1932	103	18925	184	7213	46	4419	32	-	-	256	24
1933	104	18934	183	6957	45	4652	30	-	-	73	11
1934	100	18083	181	5197	30	3563	7	-	-	-	-
1935	98	18065	185	5930	45	4123	30	-	-	72	25
1936	104	18203	175	6541	27	3502	29	-	-	102	25
1937	105	19073	182	6822	52	3597	44	-	-	127	36
1938	102	18539	182	5465	55	3483	30	-	-	126	32
10 Yr. Ave.	102	18643	185	6498	42	4040	30	0	0	148	27

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	-	38	-	28	1752
1930	-	-	-	-	22	25	-	204	1488
1931	-	-	6	10	-	-	-	35	1257
1932	-	-	11	18	4	-	-	71	1174
1933	-	-	55	16	-	10	-	112	1412
1934	15	3	-	-	-	-	-	81	1748
1935	56	11	163	13	33	-	-	55	1550
1936	-	-	263	16	-	68	-	183	1359
1937	16	21	351	23	-	14	-	245	1454
1938	10	21	452	24	-	-	-	269	1771
10 Yr. Ave.	10	12	130	20	6	16	0	128	1496

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood-Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	12	4524	34	973	-	-	-
1930	5	4763	15	1031	-	13	-
1931	15	4971	1	1031	-	-	-
1932	-	4738	28	1047	-	30	-
1933	-	4777	32	983	-	53	-
1934	13	5050	44	969	-	-	1439
1935	-	5113	26	979	-	10	-
1936	12	4929	10	861	-	48	579
1937	12	5496	38	919	40	33	168
1938	12	5826	26	932	-	125	311
10 Yr. Ave.	8	5019	25	973	4	31	255

10 Yr. Ave. Acres - Winter Wheat 4

Spring Wheat 3 Flaxseed 6

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 8
LAND UTILIZATION AND YIELDS

Ellis Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		POPCORN		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	134	21365	159	8427	41	5137	38	25	1600	291	31
1930	131	21420	164	9052	35	4895	38	-	-	131	32
1931	133	21729	163	9195	25	4785	28	-	-	150	25
1932	134	21926	164	9382	46	4620	37	-	-	278	25
1933	137	22538	165	9540	46	5569	32	-	-	95	19
1934	136	22146	163	7347	27	3577	7	-	-	11	4
1935	137	22079	161	8100	45	5613	34	-	-	46	27
1936	138	21564	156	8621	22	4561	32	-	-	-	-
1937	137	21883	160	8561	53	4987	49	-	-	10	44
1938	134	21746	162	7677	54	4815	34	-	-	50	24
10 Yr. Ave.	135	21840	162	8640	40	4856	34	.025	1600	106	27

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	13	7	-	-	-	-	-	353	1348
1930	7	24	-	-	-	-	-	403	1432
1931	16	26	-	-	-	-	-	370	1391
1932	22	17	-	-	10	-	-	361	1132
1933	15	15	15	27	-	-	-	316	1529
1934	15	5	6	13	-	-	-	300	1705
1935	14	18	31	25	-	-	80	174	1626
1936	14	18	24	15	-	-	-	402	1548
1937	-	-	75	20	-	-	-	540	1663
1938	13	19	148	24	-	-	25	594	2086
10 Yr. Ave.	13	16	30	22	1	0	10	381	1546

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	100	4329	39	1130	-	496	5
1930	64	4015	21	1257	19	527	-
1931	66	4304	31	1292	-	499	-
1932	78	4153	33	1262	5	451	-
1933	90	4307	61	1181	-	124	12
1934	69	4775	204	1315	-	108	3014
1935	82	4624	358	1410	-	74	21
1936	59	4786	39	1278	-	67	567
1937	56	4741	64	1295	1	72	358
1938	52	5043	108	1254	-	51	424
10 Yr. Ave.	72	4508	96	1272	2	247	440

10 Yr. Ave. Acres - Winter Wheat .4

*Included in "All Tame Hay".

Spring Wheat 4 Flaxseed 2

Source: Iowa Department of Agriculture

(Acreages also shown in "All Other Crops")

Division of Agricultural Statistics.

TABLE 9
LAND UTILIZATION AND YIELDS

15

Etna Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		POPCORN		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld. Lbs.	Acres	Ave. Yld.
1929	121	20551	170	6778	36	5109	31	-	-	430	27
1930	121	20584	170	6941	39	4917	34	-	-	200	32
1931	126	20671	164	7163	26	4644	25	-	-	115	26
1932	123	20464	166	7809	42	4747	35	-	-	201	28
1933	125	20691	166	7417	39	5270	28	-	-	189	25
1934	125	20593	165	5917	38	4613	11	-	-	173	14
1935	129	20912	162	6359	42	4937	32	5	760	364	28
1936	125	21122	169	6871	22	4790	27	9	193	191	26
1937	121	20932	173	6992	44	4807	45	6	600	130	35
1938	121	21247	176	6276	52	4772	33	1	1600	100	30
10 Yr. Ave.	124	20777	168	6852	38	4861	30	2	511	209	27
Year	RYE		SOYBEANS		GRASS SEED			TAME HAY			
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	-	-	-	-	-	32	10	69	1317		
1930	-	-	5	20	-	-	-	71	1366		
1931	-	-	-	-	-	-	-	83	1259		
1932	9	18	-	-	-	-	-	111	1198		
1933	6	9	22	27	15	-	-	191	1343		
1934	-	-	76	17	-	-	-	266	1980		
1935	13	17	124	20	41	-	-	255	1847		
1936	17	20	121	12	-	60	-	395	1816		
1937	64	15	207	20	11	40	-	453	1741		
1938	23	20	420	21	-	144	-	495	2171		
10 Yr. Ave.	13	17	98	19	7	28	1	239	1604		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres				
1929	562	4789	449	1002	105	-	-				
1930	647	4682	532	1103	95	70	26				
1931	529	5387	606	902	51	15	-				
1932	558	4817	139	981	5	-	-				
1933	530	4550	322	982	20	25	-				
1934	469	4820	781	1138	-	10	616				
1935	550	4804	607	1244	1	11	5				
1936	465	4793	562	1218	5	20	244				
1937	477	4509	464	1480	-	34	10				
1938	543	5207	320	1337	-	-	77				
10 Yr. Ave.	533	4836	478	1139	28	18	98				

10 Yr. Ave. Acres - Spring Wheat 8

*Included in "All Tame Hay".

Winter Wheat 4 Flaxseed 4

Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops")

Division of Agricultural Statistics.

TABLE 10
LAND UTILIZATION AND YIELDS

Grant Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		POPCORN		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld. Lbs.	Acres	Ave. Yld.
1929	120	22576	188	9147	42	5785	37	-	-	40	39
1930	120	22597	183	9272	29	5655	34	-	-	34	45
1931	131	22550	172	9736	30	5295	32	-	-	66	34
1932	121	22617	187	9995	49	5216	32	-	-	78	19
1933	123	22405	182	9867	55	5529	31	-	-	110	27
1934	123	22606	184	7670	27	4857	9	-	-	128	8
1935	123	22644	184	8008	52	5973	41	72	1833	254	32
1936	122	22560	185	8871	26	5282	31	-	-	105	22
1937	123	22642	184	8759	59	5646	49	-	-	43	35
1938	122	22607	185	7931	64	5316	32	-	-	114	23
10 Yr. Ave.	123	22580	184	8926	44	5455	33	7	1833	97	26

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	20	10	-	-	-	165	1896
1930	-	-	-	-	-	-	-	134	1741
1931	-	-	-	-	-	-	-	40	1909
1932	-	-	-	-	-	-	-	31	1585
1933	-	-	14	21	-	-	-	456	1419
1934	35	5	7	6	-	-	-	401	2124
1935	18	11	78	19	-	-	-	355	1767
1936	12	16	71	19	-	-	-	793	1644
1937	23	38	125	17	-	-	-	922	1698
1938	8	10	185	22	-	-	-	795	2147
10 Yr. Ave.	10	16	50	19	0	0	0	414	1793

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	41	4399	58	1190	-	-	-
1930	15	4595	24	1261	-	-	-
1931	14	4292	15	1223	-	-	-
1932	57	4371	40	1275	-	-	-
1933	52	4250	26	1138	-	-	-
1934	69	5240	81	1139	-	14	1242
1935	51	4952	294	1189	-	60	-
1936	51	4982	78	1094	51	39	280
1937	55	4866	130	1291	-	6	-
1938	49	5336	112	1123	-	-	286
10 Yr. Ave.	45	4728	86	1192	5	12	181

10 Yr. Ave. Acres - Winter Wheat 7
Spring Wheat 10 Flaxseed 1
(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".
Source: Iowa Department of Agriculture
Division of Agricultural Statistics.

TABLE 11
LAND UTILIZATION AND YIELDS

Hardin Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		POPCORN		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld. Lbs.	Acres	Ave. Yld.
1929	177	29389	166	11419	44	6635	38	-	-	451	51
1930	194	29152	150	11512	37	6369	38	-	-	373	30
1931	191	29284	153	11821	21	6029	25	-	-	420	29
1932	190	29289	154	11317	46	5968	39	-	-	316	28
1933	200	29413	147	11670	42	6537	32	-	-	614	23
1934	226	30477	135	9960	32	4559	9	11	404	273	9
1935	211	29517	140	10728	44	6446	37	-	-	450	29
1936	205	29312	143	11184	21	6103	32	-	-	340	24
1937	223	30687	138	11625	48	6231	46	-	-	304	27
1938	217	31314	144	10882	52	6479	35	-	-	151	19
10 Yr. Ave.	203	29783	146	11212	40	6136	34	1	404	369	26

Year	RYE		SOYBEANS		GRASS SEED		TAME HAY		
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	65	20	-	-	-	14	10	221	1458
1930	40	24	15	19	6	55	-	307	1797
1931	30	20	-	-	-	-	-	398	1610
1932	48	15	25	25	-	-	-	452	1180
1933	33	15	36	23	6	146	4	638	1817
1934	26	5	17	18	-	-	-	664	2982
1935	34	18	119	20	20	-	-	340	2265
1936	37	17	137	15	-	-	24	626	2143
1937	65	24	176	20	-	8	-	867	2394
1938	25	18	363	23	14	-	-	860	2707
10 Yr. Ave.	45	18	89	21	5	22	4	537	2035

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	10	7680	95	1566	-	-	-
1930	27	7183	60	1675	95	-	-
1931	-	7643	60	1671	-	-	-
1932	26	8086	83	2240	-	-	-
1933	89	6764	96	1689	32	26	-
1934	81	8895	750	1679	14	118	1112
1935	65	7606	100	1554	11	69	-
1936	47	7375	151	1631	-	36	104
1937	44	8019	137	1361	-	6	25
1938	23	8633	245	1622	-	15	155
10 Yr. Ave.	41	7788	178	1699	15	27	140

10 Yr. Ave. Acres - Winter Wheat 5

Spring Wheat 3 Flaxseed 0

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 12
LAND UTILIZATION AND YIELDS

Jackson Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		POPCORN		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld. Lbs.	Acres	Ave. Yld.
1929	132	21258	161	7848	40	5300	35	-	-	120	29
1930	139	21797	157	8315	36	5269	34	-	-	146	27
1931	135	21361	158	8471	24	5056	22	-	-	128	23
1932	136	21950	161	8997	43	5042	32	-	-	200	19
1933	139	21371	154	8570	44	5422	28	-	-	142	28
1934	141	21104	150	6660	31	4417	7	-	-	134	7
1935	140	21227	152	7979	50	5462	33	24	1112	110	30
1936	135	21422	159	7751	25	4679	27	-	-	97	27
1937	141	21297	151	8538	47	4937	45	-	-	126	38
1938	139	21337	154	7343	52	4700	29	15	2333	155	29
10 Yr. Ave.	138	21412	156	8047	40	5028	29	4	1582	136	25

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	2	15	12	17	-	22	-	117	1595
1930	4	12	-	-	-	25	-	184	1810
1931	-	-	-	-	-	20	-	137	1616
1932	10	20	-	-	-	-	-	113	1125
1933	13	18	-	-	-	-	-	192	1391
1934	-	-	30	10	-	-	-	198	1045
1935	-	-	101	12	-	-	-	83	1372
1936	8	10	118	11	-	-	-	283	1532
1937	36	26	30	22	-	1	-	414	1432
1938	15	19	128	20	-	25	-	534	2041
10 Yr. Ave.	9	20	42	15	0	9	0	226	1496

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots Highways Acres	Wood Lots, for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	61	4915	41	1095	178	91	-
1930	71	4815	25	1161	135	43	3
1931	52	4724	34	1047	203	30	-
1932	40	5014	38	1222	178	84	-
1933	60	4292	34	1117	237	91	2
1934	30	5313	27	1104	114	4	2226
1935	41	4891	35	1090	30	72	20
1936	48	5347	12	1229	68	15	518
1937	9	4837	24	1207	45	27	49
1938	18	5367	13	1155	73	55	259
10 Yr. Ave.	43	4952	28	1143	126	51	308

10 Yr. Ave. Acres - Winter Wheat .3

*Included in "All Tame Hay".

Spring Wheat 6 Flaxseed 2 Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 13
LAND UTILIZATION AND YIELDS

Pleasant Township

19

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		POPCORN		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld. Lbs.	Acres	Ave. Yld.
1929	126	21362	170	7094	41	4184	34	2	1200	363	26
1930	123	21137	172	6907	33	4270	33	2	1190	316	33
1931	119	20753	174	7130	24	3956	26	-	-	225	25
1932	120	20952	175	7345	40	4408	30	3	951	272	19
1933	127	21389	168	7213	43	4439	26	-	-	111	27
1934	125	21753	174	5881	26	3337	5	-	-	24	5
1935	126	21908	174	6844	43	4683	32	1	2500	115	30
1936	118	21350	181	6762	21	4011	24	-	-	59	12
1937	132	22291	169	7241	48	4287	46	-	-	68	42
1938	124	21414	173	6280	53	3896	30	-	-	63	27
10 Yr. Ave.	124	21431	173	6870	38	4147	38	1	1263	162	26

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red &	Sweet	Alfalfa Acres*	All Tame Hay Acres
						Als. Clo. Acres*	Clover Acres		
1929	8	22	-	-	4	63	-	185	1575
1930	-	-	-	-	17	72	-	280	1589
1931	-	-	-	-	-	-	-	275	1408
1932	-	-	17	15	-	-	-	404	1283
1933	19	21	15	14	22	39	-	471	1727
1934	17	2	42	9	-	-	-	437	1538
1935	14	13	16	12	15	-	-	184	1428
1936	40	13	42	8	-	-	-	559	1743
1937	90	19	13	14	-	-	-	593	1699
1938	78	15	74	20	4	72	-	763	2436
10 Yr. Ave.	27	16	22	14	6	25	0	415	1643

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	278	6415	170	1110	70	79	10
1930	397	5978	124	1438	75	24	-
1931	316	6068	163	1331	99	57	-
1932	266	5779	151	1332	96	-	-
1933	291	5838	193	1255	97	169	-
1934	296	6220	171	1346	179	125	2577
1935	249	6762	251	1360	112	58	-
1936	239	6764	109	1268	55	6	252
1937	236	6740	111	1214	273	99	220
1938	206	6563	108	1255	246	-	205
10 Yr. Ave.	277	6313	155	1291	130	62	326

10 Yr. Ave. Acres - Winter Wheat 10

*Included in "All Tame Hay".

Spring Wheat 9 Flaxseed 0 Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 14
LAND UTILIZATION AND YIELDS

Providence Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		POPCORN		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld. Lbs.	Acres	Ave. Yld.
1929	116	20529	173	8220	47	3661	42	-	-	921	31
1930	130	21664	167	8244	43	3885	40	-	-	764	31
1931	125	21093	169	8885	38	3429	36	-	-	812	29
1932	130	21258	164	9613	52	3775	34	-	-	1000	22
1933	122	21069	173	8355	53	4301	32	-	-	687	23
1934	126	21173	168	7205	30	3043	10	-	-	330	7
1935	115	20748	180	7457	47	4375	36	-	-	444	30
1936	114	20776	182	8286	25	3745	33	-	-	287	25
1937	105	20137	192	8132	59	3358	49	-	-	436	39
1938	108	20645	191	7149	62	4219	34	-	-	204	30
10 Yr. Ave.	119	20919	176	8215	46	3829	35	0	0	588	27

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	5	56	-	86	2161
1930	-	-	43	9	9	261	4	190	2193
1931	-	-	53	18	-	83	4	237	1710
1932	17	16	24	20	10	-	-	373	1427
1933	68	19	91	17	-	-	-	433	2208
1934	99	9	46	11	-	-	-	451	2672
1935	-	-	162	14	102	-	-	275	2046
1936	10	20	86	16	-	188	-	575	2221
1937	56	16	123	22	26	125	-	668	1639
1938	2	5	240	20	18	360	12	705	2299
10 Yr. Ave.	25	14	87	17	17	107	2	404	2058

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bl'dgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	-	4503	29	1089	10	30	-
1930	8	4501	21	1260	36	96	-
1931	10	4679	100	1219	86	106	-
1932	-	3970	18	1243	65	33	58
1933	5	4199	13	1043	15	74	10
1934	4	5420	2	1197	52	23	1080
1935	-	4506	90	1342	102	114	8
1936	2	4211	28	1131	123	37	609
1937	3	4363	104	1103	31	77	186
1938	2	4788	176	1084	27	91	334
10 Yr. Ave.	3	4514	58	1171	55	68	228

10 Yr. Ave. Acres - Winter Wheat 24

*Included in "All Tame Hay".

Spring Wheat 6 Flaxseed 2 Source; Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 15
LAND UTILIZATION AND YIELDS

Sherman Township

21

Year	No. Farms	Acreage in Farms	Ave. Farms Size	CORN		OATS		POPCORN		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld. Lbs.	Acres	Ave. Yld.
1929	111	21634	195	8877	40	6468	36	-	-	182	21
1930	117	21619	185	9139	34	6433	35	-	-	236	27
1931	107	21238	198	9296	32	5948	32	-	-	220	32
1932	105	20553	196	9019	40	5763	30	-	-	374	19
1933	113	21898	194	9613	45	6400	21	-	-	251	16
1934	109	20889	192	7149	26	5973	8	-	-	135	6
1935	106	20429	193	7746	42	6136	33	-	-	99	30
1936	109	20790	191	8329	22	5605	31	-	-	16	20
1937	108	21532	199	9001	56	5710	46	-	-	15	29
1938	109	21675	199	7982	56	5873	30	-	-	31	43
10 Yr. Ave.	109	21226	194	8615	40	6031	30	0	0	156	22

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	4	12	-	-	-	241	827
1930	-	-	-	-	-	-	-	236	830
1931	10	18	-	-	-	-	-	241	1022
1932	-	-	-	-	-	-	-	287	958
1933	-	-	35	19	-	-	-	516	1035
1934	-	-	18	10	-	-	-	550	1992
1935	33	8	84	15	-	-	-	375	1565
1936	45	15	105	11	-	-	-	407	1420
1937	57	18	103	7	-	-	20	784	1276
1938	31	18	111	20	-	-	50	860	1724
10 Yr. Ave.	18	15	46	14	0	0	7	450	1275

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	146	3629	73	1405	-	23	-
1930	168	3396	26	1331	-	10	-
1931	148	3411	-	1183	-	-	-
1932	114	3080	-	1245	-	-	-
1933	129	3229	13	1070	-	27	46
1934	153	3685	2	1103	-	19	660
1935	133	3221	98	1148	4	33	129
1936	124	3928	13	1121	4	68	12
1937	130	3886	19	1222	-	65	28
1938	128	4053	42	1213	-	75	362
10 Yr. Ave.	137	3552	29	1204	1	32	124

10 Yr. Ave. Acres -- Winter Wheat 7

*Included in "All Tame Hay".

Spring Wheat 4 Flaxseed 0 Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 16
LAND UTILIZATION AND YIELDS

Tipton Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		POPCORN		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld. Lbs.	Acres	Ave. Yld.
1929	138	21374	155	7928	41	4657	36	65	831	99	32
1930	141	21419	152	8273	34	4579	35	45	1400	28	28
1931	141	21735	154	8488	27	4353	29	114	1089	77	25
1932	132	21362	162	8616	41	4236	31	139	1645	71	15
1933	132	21721	165	8608	45	4594	28	136	1942	36	19
1934	132	21757	165	6877	27	3909	9	160	1047	42	7
1935	138	21673	157	7226	43	4920	37	205	790	54	31
1936	134	21666	162	8006	23	4397	31	131	603	22	23
1937	144	21622	150	7961	54	4637	51	151	1615	18	35
1938	134	21684	162	7051	55	4467	34	186	1490	4	52
10 Yr. Ave.	137	21601	158	7906	39	4475	33	133	1249	45	24

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	-	-	-	-	-	344	1352
1930	-	-	-	-	-	-	-	508	1482
1931	-	-	-	-	-	-	-	549	1335
1932	5	12	-	-	-	-	-	579	1309
1933	-	-	-	-	-	24	20	622	1356
1934	-	-	26	10	-	-	1	594	1962
1935	-	-	112	17	-	-	13	291	1661
1936	-	-	28	13	-	-	-	699	1495
1937	5	15	-	-	-	-	-	870	1484
1938	-	-	43	18	-	10	-	1056	2035
10 Yr. Ave.	1	14	21	16	0	3	3	611	1547

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	69	5850	22	1267	10	55	-
1930	82	5556	1	1341	-	32	-
1931	56	5870	-	1373	14	55	-
1932	71	5391	43	1348	-	68	35
1933	71	5520	39	1308	-	32	1
1934	68	6123	46	1302	-	74	1167
1935	54	5736	151	1302	-	106	133
1936	56	5763	36	1349	-	65	318
1937	61	5776	46	1313	10	58	102
1938	79	5940	67	1298	10	109	395
10 Yr. Ave.	67	5752	45	1320	4	65	215

10 Yr. Ave. Acres - Winter Wheat 5

Spring Wheat 2

Flaxseed 0

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 17

LAND UTILIZATION AND YIELDS

Union Township

23

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		POPCORN		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld. Lbs.	Acres	Ave. Yld.
1929	141	21478	152	7063	47	4223	35	1	1975	702	26
1930	147	21834	149	7950	39	3974	36	-	-	580	29
1931	160	22571	141	8340	36	4353	32	-	-	609	29
1932	157	21799	139	8480	46	4081	30	6	1352	578	18
1933	156	21563	138	7456	47	4600	27	3	2028	477	19
1934	149	21812	146	6073	28	3284	8	-	-	175	8
1935	149	20943	141	6632	42	3783	29	5	840	360	25
1936	142	20832	147	6821	31	3612	28	2	248	142	19
1937	147	21116	144	7145	53	3597	47	1	1065	95	37
1938	148	21810	147	6388	58	3782	28	-	-	154	25
10 Yr. Ave.	150	21576	144	7235	43	3929	30	2	1050	387	24

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	10	20	110	14	48	98	-	157	2200
1930	10	28	114	17	69	264	-	172	1935
1931	24	20	123	17	9	101	-	213	1707
1932	48	9	116	19	26	65	-	258	1338
1933	75	14	213	17	20	181	10	280	1944
1934	7	4	207	14	-	10	-	287	2285
1935	98	10	264	15	65	4	-	191	2203
1936	25	13	510	16	11	10	-	440	1972
1937	141	17	469	21	5	30	-	590	1719
1938	108	9	828	21	47	156	75	628	2504
10 Yr. Ave.	55	13	295	18	30	92	8	322	1981

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	16	5449	67	1229	118	223	19
1930	7	5659	67	1279	58	132	-
1931	5	5765	107	1329	87	113	-
1932	6	5664	95	1200	71	90	-
1933	-	5185	83	1213	74	142	68
1934	-	6350	155	1325	28	183	1740
1935	-	5748	49	1242	34	235	225
1936	-	5569	56	1263	133	208	504
1937	-	5987	143	1258	62	289	205
1938	-	5870	106	1352	102	278	216
10 Yr. Ave.	3	5725	93	1269	77	189	298

10 Yr. Ave. Acres - Winter Wheat 37

*Included in "All Tame Hay".

Spring Wheat 17 Flaxseed .5 Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 18

LAND UTILIZATION AND YIELDS

Total Incorporated Town Data - Akley, Buckeye, Eldora, Hubbard, Iowa Falls, New Providence, Owana, Radcliffe, Steamboat Rock, Union, Whitten

Providence, Owana, Lauchlin, Steamboat Rock, Union, Whitten											
Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		POPCORN		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld. Lbs.	Acres	Ave. Yld.
1929	101	6042	60	2064	48	1063	41	-	-	68	38
1930	106	6578	62	2227	38	1083	39	-	-	66	27
1931	99	5971	60	2308	33	960	30	-	-	44	31
1932	99	5819	59	2459	50	1233	35	-	-	49	25
1933	108	6780	63	2606	48	1471	34	-	-	89	23
1934	114	6520	57	2312	32	865	8	-	-	32	11
1935	102	6292	62	2395	44	1231	39	6	358	42	28
1936	98	6343	65	2342	30	1099	34	2	150	29	19
1937	99	6342	64	2250	53	1222	46	-	-	15	27
1938	85	6055	71	2059	58	1033	34	-	-	17	15
10 Yr. Ave.	101	6274	62	2302	44	1126	35	1	306	45	26
Year	RYE		SOYBEANS		GRASS SEED			TAME HAY			
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	-	-	-	-	-	10	-	89	451		
1930	-	-	-	-	-	-	-	130	507		
1931	-	-	-	-	-	-	-	138	542		
1932	-	-	-	-	-	-	-	174	511		
1933	6	26	17	18	-	-	-	200	518		
1934	-	-	6	8	-	-	-	229	700		
1935	-	-	-	-	-	-	-	118	526		
1936	-	-	18	11	-	16	-	234	652		
1937	-	-	44	29	-	-	-	293	491		
1938	-	-	83	30	15	28	-	302	684		
10 Yr. Ave.	1	26	17	26	2	5	-	191	558		
Year	Wild Hay	All Pasture	All Other Crops	Bldgs., Feed Lots, Highways	Wood Lots for Timber Only	Waste-land	Idle Crop Land				
	Acres	Acres	Acres	Acres	Acres	Acres	Acres				
1929	42	1980	29	329	-	6	10				
1930	18	2282	21	373	-	1	-				
1931	30	1705	28	345	2	7	-				
1932	9	1183	12	294	54	15	-				
1933	12	1604	40	336	54	25	2				
1934	10	1755	70	394	19	9	348				
1935	23	1623	63	359	24	3	3				
1936	9	1675	13	344	14	25	123				
1937	14	1896	28	293	5	34	50				
1938	14	1670	31	345	50	35	19				
10 Yr. Ave.	18	1737	34	341	22	16	56				

10 Yr. Ave. Acres - Spring Wheat 2

*Included in "All Tame Hay."

Winter Wheat 2 Flaxseed 0

Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops.") Division of Agricultural Statistics.

TABLE 19
COUNTY LIVESTOCK NUMBERS
January 1

Year	All Cattle*	Milk Cows	Horses	Mules	Sheep	Hogs
1870	12,308	4,448	5,925	209	-	21,442
1880	26,441	8,115	8,527	338	1,657	43,212
1890	50,857	13,783	12,504	290	1,605	64,292
1900	52,705	17,442	13,599	298	7,211	84,501
1910	45,569	14,180	15,700	440	5,005	60,526
1920	48,738	10,037	14,789	683	10,585	86,832
1925	46,904	14,298	12,376	890	4,502	109,698
1930	41,195	15,795	11,539	789	10,192	105,578
1935	51,995	17,682	9,924	572	28,548	80,876
1936	53,121	17,326	9,615	504	15,230	98,149
1937	50,665	17,033	9,247	487	13,906	88,694
1938	53,134	16,560	8,705	489	21,297	103,539
1939	53,133	16,163	8,077	434	14,792	111,320

The figures in this table for the years 1870-1935 inclusive have been derived from the Federal Censuses for Iowa. These enumerations have been made as of different dates. Some enumerations were for a base date of January 1, others for a base date of April 1, and others for June 1.

The census enumerations made in 1920, 1925 and 1935 were for January 1. For comparability the enumerations made for the base dates of April 1 and June 1 were adjusted to an equivalent January 1 base. This adjustment procedure places the livestock data of the above table on the one inventory date of January 1.

The figures for 1936, 1937, 1938 and 1939 for all cattle and milk cows are estimates of the Division of Agricultural Statistics of the Iowa Department of Agriculture and those for horses, mules, hogs and sheep are adjusted state farm assessors' figures.

The adjusted county figures for horses, mules, hogs and sheep for the last four years in the table are more nearly accurate than those in Table 20 and comparison with these figures will provide an estimate of the bias displayed by the unadjusted state farm assessors' figures.

*Includes Milk Cows.

TABLE 20
LIVESTOCK NUMBERS
By Townships

Township	1936					1937				
	Horses	Mules	Cattle	Sheep	Hogs	Horses	Mules	Cattle	Sheep	Hogs
Alden	818	26	4626	746	6668	760	19	4272	1008	5379
Buckeye	620	34	2624	537	3721	591	43	2372	514	3243
Clay	551	8	2878	179	2921	596	8	2686	128	2722
Concord	703	12	3118	313	4212	688	17	2842	356	3721
Eldora	377	16	1983	933	3382	365	19	1991	514	2714
Ellis	556	25	3090	788	4926	492	17	2758	998	3955
Etna	647	27	2713	249	3984	676	23	2682	368	3380
Grant	459	16	3111	546	7113	462	11	2891	459	6063
Hardin	766	64	4514	1061	6844	673	52	3879	721	5607
Jackson	589	27	2672	402	4636	585	26	2533	496	4085
Pleasant	525	26	2842	773	4330	479	28	2767	723	3492
Providence	500	30	2949	1654	5991	489	41	2758	1160	6393
Sherman	580	49	2989	138	4471	516	40	2584	172	3904
Tipton	574	16	2916	505	6531	537	23	2893	397	5553
Union	510	16	2855	1011	4974	423	20	2750	1009	5060
ALL TOWNS	147	22	937	59	1707	91	18	711	76	834
COUNTY	8922	414	46817	9894	76411	8423	405	43369	9099	66105

Township	1938					1939				
	Horses	Mules	Cattle	Sheep	Hogs	Horses	Mules	Cattle	Sheep	Hogs
Alden	674	24	4229	891	5969	761	17	4092	841	6890
Buckeye	586	34	2469	589	3300	557	41	2580	623	4083
Clay	506	11	2874	127	2649	428	7	2396	210	3743
Concord	651	16	2991	849	4171	555	14	3076	197	4546
Eldora	370	20	1966	733	2927	322	14	2090	671	3328
Ellis	530	12	3201	938	4931	455	12	3154	1083	5898
Etna	637	18	2618	484	3425	553	26	2607	455	4513
Grant	470	16	2920	436	7811	419	6	2958	517	8554
Hardin	719	60	4209	3006	6755	683	59	4081	950	7375
Jackson	537	29	2594	719	4443	500	24	2485	505	5795
Pleasant	467	40	2834	834	3987	420	41	2768	1140	4235
Providence	444	22	3019	2533	6731	415	26	3012	1154	8254
Sherman	452	49	2633	214	5284	429	45	2504	154	5561
Tipton	471	25	2970	684	6318	411	11	2858	357	7800
Union	398	22	2789	1728	5333	421	15	2654	1583	6317
ALL TOWNS	90	17	766	30	1254	125	13	1041	194	1736
COUNTY	8002	415	45082	14795	75288	7454	371	44356	10634	88628

The statistics in this table are biased downward. They are printed only to permit inter-township and inter-annual comparisons. Unless townships are equal in size, comparisons may not be directly made. It is assumed that individual assessors are subject to approximately the same bias. Compare Table 19 for the magnitude of the bias.

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 21
CREAMERY STATISTICS
1905-1938

Year	Number of Creameries In County	Butter Made	Butter Sold in Iowa	Butter Sold out of Iowa
		Thousand Pounds	Thousand Pounds	Thousand Pounds
1905	10	*	*	*
1906	11	1,540	117	*
1907	11	1,584	124	*
1908	9	1,580	97	*
1909	8	1,372	95	*
1910	7	1,159	111	*
1911	5	1,117	119	*
1912	6	1,356	139	1,217
1913	8	1,411	190	1,221
1914	10	1,605	228	1,378
1915	11	1,492	226	1,265
1916	9	1,824	290	1,534
1917	11	1,839	327	1,528
1918	11	2,153	229	784
1919	10	2,365	327	1,982
1920	10	1,402	373	1,035
1921	10	2,053	434	550
1922	8	3,459	703	2,765
1923	8	4,005	559	3,446
1924	8	4,084	440	3,653
1925	9	4,209	391	3,076
1926	9	4,074	440	3,118
1927	10	3,790	391	3,299
1928	10	3,537	403	3,130
1929	10	3,742	428	3,318
1930	10	3,777	581	3,180
1931	10	3,675	635	3,015
1932	10	3,832	665	3,161
1933	10	4,550	563	3,981
1934	10	5,493	671	4,807
1935	10	5,249	866	4,485
1936	10	5,163	612	4,494
1937	10	4,981	754	4,212
1938	10	5,405	752	4,647

The sum of the two columns "Butter Sold In Iowa" and "Butter Sold Out of Iowa" is not intended to equal the second column "Butter Made", because stocks of butter on hand at the end of the year and butter used for miscellaneous purposes are not included in this table.

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Not given in source.

TABLE 22
CHICKENS AND EGGS
1880-1935

Year	Chickens	Eggs Produced
	Number	Dozen
1880	70,358	261,298
1885	117,602	340,013
1890	206,553	737,457
1895	206,715	828,966
1900	234,471	1,238,000
1905	270,359	945,117
1910	325,956	1,228,031
1915	314,064	1,341,105
1920	318,024	1,260,358
1925	353,515	1,380,476
1930	377,788	2,231,513
1935	351,048	1,816,467

Source: U. S. Agricultural Census.
Iowa Agricultural Census.

TABLE 23
NUMBER OF FARMS REPORTING SPECIFIED ITEMS

Year	Number of Farms	GRAIN CROPS								
		Corn	Oats	Winter Wheat	Spring Wheat	Barley	Rye	Buck-wheat	Soy-beans	Flax-seed
1930	2157	2072	1926	4	15	240	10	2	17	1
1932	2135	2062	1885	7	16	248	21	1	20	7
1934	2201	2092	1597	8	22	121	15	1	68	9
1936	2110	2024	1866	12	8	118	40	<u>1/</u>	150	3
1938	2107	2029	1896	25	16	87	35	<u>1/</u>	348	2
Average	2142	2056	1834	11	15	163	24	1	121	4

Year	Pop-corn	HAY CROPS								Wild Hay
		Clover and Timothy	Alfalfa	Soy-bean	Grain Cut Green	Clover	Timothy	Sudan Grass	Other Tame Hay	
1930	2	1026	511	37	<u>1/</u>	165	131	7	37	217
1932	15	601	570	155	<u>73</u>	91	281	32	215	186
1934	10	419	783	552	214	227	82	248	834	209
1936	10	888	819	540	67	<u>1/</u>	<u>1/</u>	<u>1/</u>	112	196
1938	7	944	1022	918	34	<u>1/</u>	<u>1/</u>	<u>1/</u>	78	176
Average	9	776	741	440	97	161	165	96	255	197

Year	GRASS SEED			All Pasture	LIVESTOCK					
	Timothy	Red & Alsike Clover	Sweet Clover		Horses	Mules	Cattle	Sheep	Hogs	Sows for Spring Farrow
1930	12	51	1	2053	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	1685
1932	7	4	0	2039	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	1675
1934	0	1	1	2086	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	1668
1936	2	31	3	2041	1852	171	1943	396	1830	1604
1938	10	72	11	2078	1834	160	1965	349	1847	1704
Average	6	32	3	2059	1843	166	1954	372	1838	1667

Year	EQUIPMENT				MISCELLANEOUS					Other Crops
	Trac-tors	Trucks	Autos	Radios	Pota-toes	Apples	Timber and Wood	Waste-land	Idle Crop Land	
1930	652	241	1877	933	504	67	49	137	11	46
1932	577	201	1786	577	564	142	32	98	15	10
1934	693	172	1926	935	655	97	39	140	1293	249
1936	1081	181	1899	1477	431	113	30	128	385	201
1938	1382	167	1914	1752	<u>1/</u>	<u>1/</u>	39	152	296	223
Average	877	192	1880	1135	538	105	38	131	400	146

1/ Not given in source.

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 24
FARM AND LAND TENURE

Year	OWNERS				PART-OWNERS			
	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	796	37.8	122,183	35.1	166	7.9	34,227	9.8
1930	849	39.4	124,227	35.6	178	8.2	36,646	10.5
1932	811	38.0	116,172	33.5	161	7.5	34,981	10.1
1934	727	33.0	104,821	30.0	170	7.7	34,076	9.8
1936	692	32.8	101,689	29.4	203	9.6	45,092	13.0
1938	780	37.0	112,372	32.1	196	9.3	45,259	12.9
1928 - 38 Average	776	36.3	113,577	32.6	179	8.4	38,380	11.0
Year	TENANTS				TOTALS			
	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	1,142	54.3	191,619	55.1	2,104	100.0	348,029	100.0
1930	1,130	52.4	188,200	53.9	2,157	100.0	349,073	100.0
1932	1,163	54.5	195,560	56.4	2,135	100.0	346,713	100.0
1934	1,304	59.3	210,496	60.2	2,201	100.0	349,393	100.0
1936	1,215	57.6	198,964	57.6	2,110	100.0	345,745	100.0
1938	1,131	53.7	192,272	55.0	2,107	100.0	349,903	100.0
1928 - 38 Average	1,181	55.3	196,185	56.4	2,136	100.0	348,143	100.0

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 25
YEARS OF TENURE
January 1, 1935

Owners	Hardin County		State of Iowa	
	Number of Farms	Percent of County Total	Number of Farms	Percent of State Total
On present farm less than 1 year	30	3.7	4,442	5.2
1 year	24	3.0	3,198	3.8
2 years	34	4.2	3,282	3.8
3 years	45	5.5	2,857	3.4
4 years	33	4.1	3,228	3.8
5-9 years	113	13.9	11,726	13.8
10-14 years	101	12.5	11,279	13.2
15 years and over	430	53.1	45,076	53.0
TOTALS	810	100.0	85,088	100.0
Tenants				
On present farm less than 1 year	224	18.6	21,763	20.1
1 year	130	10.8	15,053	13.9
2 years	159	13.2	11,555	10.7
3 years	105	8.7	8,285	7.7
4 years	82	6.8	7,564	7.0
5 years and over	505	41.9	43,826	40.6
TOTALS	1,205	100.0	108,046	100.0

Source: U. S. Agricultural Census.

TABLE 26
FREQUENCY DISTRIBUTION OF FARMS BY SIZE CLASSES

Acres in Farms	Number of Farms											
	1928		1930		1932		1934		1936		1938	
	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total
0- 9	20	.95	22	1.02	24	1.12	45	2.04	28	1.33	20	.95
10- 29	61	2.90	82	3.80	77	3.61	91	4.13	73	3.46	67	3.18
30- 49	84	3.90	74	3.43	84	3.93	89	4.04	77	3.65	77	3.65
50- 69	59	2.80	61	2.83	57	2.67	54	2.45	49	2.32	58	2.75
70- 99	308	14.64	338	15.67	321	15.04	339	15.40	324	15.36	316	15.00
110-149	368	17.49	371	17.20	366	17.14	370	16.81	378	17.91	362	17.18
150-189	565	26.85	587	27.21	564	26.42	598	27.17	560	26.54	577	27.39
190-229	216	10.27	200	9.27	203	9.51	198	9.00	198	9.38	204	9.68
230-269	204	9.70	212	9.83	237	11.10	216	9.81	219	10.38	208	9.87
270-309	85	4.04	92	4.27	77	3.61	88	4.00	82	3.89	89	4.22
310-349	77	3.66	68	3.15	61	2.86	56	2.54	61	2.89	64	3.04
350-389	15	.71	15	.70	21	.98	17	.77	21	1.00	20	.95
390-429	17	.81	13	.60	17	.80	18	.82	18	.85	24	1.14
430-469	8	.38	6	.28	8	.37	5	.23	4	.19	5	.24
470-509	4	.19	6	.28	5	.23	5	.23	6	.28	3	.14
510-549	3	.14	5	.23	3	.14	5	.23	4	.19	2	.09
550-589	3	.14	2	.09	6	.28	3	.14	2	.10	1	.05
590-629	3	.14	0	0	0	0	0	0	3	.14	5	.24
630-669	0	0	0	0	1	.05	1	.05	0	0	0	0
670-709	1	.05	0	0	0	0	0	0	0	0	0	0
710-over	3	.15	3	.14	3	.14	3	.14	3	.14	5	.24
Total Farms	2104	100.00	2157	100.00	2135	100.00	2201	100.00	2110	100.00	2107	100.00

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 27
AUTOS, TRUCKS, TRACTORS AND RADIOS
1926-1939

Year	Automobiles	Trucks	Tractors	Radios
1926	2,113	114	447	353
1927	2,160	192	530	634
1928	2,249	178	540	699
1929	2,259	227	598	797
1930	2,321	233	631	936
1931	2,257	245	660	1,040
1932	2,190	230	642	1,013
1933	1,970	216	582	577
1934	2,123	159	604	607
1935	2,163	177	708	941
1936	2,131	195	881	1,226
1937	2,191	191	1,124	1,581
1938	2,233	208	1,292	1,644
1939	2,184	169	1,474	1,797

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 28
ACREAGE OWNED BY CORPORATIONS
January 1, 1937

Township	Insurance Com- panies	Banks	Land & Mort- gage Com- panies	Fed- eral Land Banks	Joint Stock Land Banks	Others	Total	$\frac{1}{2}$ Farm Land Corpor- ate Owned
Union	1315	421	40	403	-	-	2179	9.90
Providence	1354	160	131	385	-	-	2230	9.83
Grant	695	160	-	-	240	-	1095	4.83
Concord	954	-	80	-	-	-	1034	4.46
Eldora	1260	381	195	-	120	65	2021	9.34
Pleasant	518	542	-	110	-	712	1882	9.39
Tipton	1010	462	-	-	375	175	2022	9.40
Sherman	1608	319	180	-	-	120	2227	10.03
Clay	595	212	-	33	166	-	1006	5.02
Jackson	2172	200	320	12	160	-	2864	12.76
Ellis	2603	-	47	-	110	187	2947	13.68
Buckeye	3398	436	723	-	-	-	4557	20.81
Etna	420	-	-	-	-	-	420	1.87
Hardin	4667	-	-	-	-	160	4827	15.06
Alden	6488	268	573	-	-	-	7329	21.12
County Total	29257	3561	2289	943	1171	1419	38640	11.01

Source: Department of Economics and Sociology
Iowa State College.

TABLE 29
ACREAGE OWNED BY CORPORATIONS
January 1, 1939

Township	Insur- ance Com- panies	Banks	Land & Mort- gage Com- panies	Fed- eral Land Banks	Joint Stock Land Banks	Others	Total	$\frac{1}{2}$ Farm Land Corpor- ate Owned
Union	840	181	-	328	-	-	1349	6.13
Providence	1309	160	-	265	-	-	1734	7.64
Grant	815	160	-	-	240	-	1215	5.36
Concord	720	-	-	-	-	-	720	3.11
Eldora	1481	328	-	-	295	65	2169	10.02
Pleasant	1038	438	-	110	-	632	2218	11.07
Tipton	1044	462	-	-	-	-	1506	7.00
Sherman	1848	319	-	-	178	120	2465	11.10
Clay	535	-	-	33	-	-	568	2.83
Jackson	2200	200	-	12	80	-	2492	11.10
Ellis	3374	-	207	80	110	187	3958	18.38
Buckeye	3463	160	578	-	-	-	4201	19.18
Etna	540	-	-	-	-	-	540	2.41
Hardin	4124	-	-	135	-	160	4419	13.78
Alden	7319	268	213	-	-	-	7800	22.48
County Total	30650	2676	998	963	903	1164	37354	10.64

Source: Department of Economics and Sociology,
Iowa State College.

TABLE 30
VALUE OF FARM LAND AND BUILDINGS
1880-1935

Year	Number of Farms*	Number of Acres*	Value of Land	Value of Buildings	Value of Land and Buildings	Value of Land & Bldgs.	
						Per Acre	Per Farm
1880	1,930	247,940	-	-	\$ 4,728,772	\$ 19.07	\$ 2,450
1890	2,101	318,110	-	-	8,619,195	27.09	4,102
1900	2,294	351,046	13,272,250	2,471,260	15,743,510	44.85	6,863
1910	2,235	351,784	33,196,845	5,039,805	38,236,650	108.69	17,108
1920	2,129	350,027	78,744,051	10,051,018	88,795,069	253.68	41,707
1925	2,134	342,532	47,451,667	10,117,120	57,568,787	168.07	26,997
1930	2,179	351,061	38,269,645	12,493,074	50,762,719	144.60	23,296
1935	2,239	350,908	-	-	29,833,678	85.02	13,325

*Differences in numbers of farms and acres reported in this table and in other tables in this bulletin are due to differences in sources of data.

Source: U. S. Agricultural Census.

TABLE 31
REAL PROPERTY AND MONEYS AND CREDITS TAXES
COLLECTIBLE IN 1939, FOR ALL PURPOSES
(Exclusive of Special Assessments)

	Cities and Towns	Rural Districts	Total for County
General State Tax.	\$ 12,750.57	\$ 46,213.48	\$ 58,964.05
Soldiers' Bonus Tax	5,170.79	8,312.17	13,482.96
General County Tax	9,562.99	34,660.08	44,223.07
Court Expense Tax	1,785.06	6,469.94	8,255.00
Poor Tax	9,562.99	34,660.08	44,223.07
Insane Tax, State Hospital	2,116.66	7,671.37	9,788.03
Insane Tax, County Hospital	-	-	-
County School Tax	1,593.83	5,776.68	7,370.51
Soldiers' Relief Tax	1,593.83	5,776.68	7,370.51
General County Bond Tax	6,235.01	22,598.46	28,833.47
Court House Tax	-	-	-
Emergency Tax	6,375.34	23,106.78	29,482.12
Bovine Tuberculosis Eradication	-	-	-
Secondary Roads - Construction	7,140.26	25,879.58	33,019.84
Secondary Roads - Maintenance	7,969.15	86,188.22	94,157.37
District School Tax	175,885.44	211,487.52	387,372.96
City Tax	90,732.27	-	90,732.27
Miscellaneous Tax	637.45	8,133.01	8,770.46
Total	339,111.64	526,934.05	866,045.69*

*Includes special one mill tax on moneys and credits for Soldiers' Bonus Bonds.

Source: 1939 Report,
State Board of Assessment and Review.

TABLE 32
NUMBER OF SCHOOLS BY TYPE

Type of School	Number of Schools		
	1928-29	1933-34	1938-39
1. Kindergarten	4	5	7
2. One-room rural elementary	99	94	85
3. Two-room(or more)rural elementary	1	2	2
4. Elementary, not rural	13	15	17
5. Separately organized Jr. High	2	-	2
6. Jr.-Sr. High, one organization	-	1	3
7. Separately organized Sr. High	2	-	2
8. Regular High, 4 years or less	10	11	7
9. Junior College	-	1	1
Total Number of Schools	131	129	126

TABLE 33
ENROLLMENT IN SCHOOLS BY TYPE

Type of School	Enrollment in Schools		
	1928-29	1933-34	1938-39
1. Kindergarten	168	163	149
2. One-room rural elementary	1,624	1,437	1,000
3. Two-room(or more)rural elementary	46	109	41
4. Elementary, not rural	2,597	2,470	1,797
5. *Jr.-Sr. High, one organization	164	115	1,540
6. Regular High, 4 years or less	1,253	1,450	631
7. Junior College	-	103	82
Total Enrollment in all Schools	5,852	5,847	5,240

*Includes enrollment for School Types 5, 6 and 7 in Table 32.

Source: Annual Reports of County Superintendents to
State Department of Public Instruction.

TABLE 34
MILES OF ROADS BY TYPE
January 1, 1939

Type of Surface	Primary Roads Outside Corporations	Secondary Roads		Total Mileage in Road System
		County Trunk	Local County	
Earth				
Unimproved	-	2.26	396.27	398.53
Improved	-	-	41.56	41.56
Surfaced				
Soil Surfaced	-	-	-	-
Shale	-	-	-	-
Gravel	20.4	300.99	282.32	603.71
Stone	-	-	-	-
Paved				
Bituminous	11.3	-	-	11.30
Concrete	52.2	-	-	52.20
Brick	-	-	-	-
County Total	83.9	303.25	720.15	1,107.30

Source: Annual Report, 1938,
Iowa Highway Commission.

